

Title (en)

Mobile station, base station, program for and method of wireless transmission based on chip repetition and IFDMA.

Title (de)

Mobilstation, Basisstation, Programm und Verfahren für die drahtlose Übertragung basierend auf Chipwiederholung und IFDMA.

Title (fr)

Station mobile, station de base, programme et procédé pour la transmission sans fil basée sur la répétition des chips et l'IFDMA.

Publication

EP 1445873 A2 20040811 (EN)

Application

EP 04250619 A 20040205

Priority

- JP 2003029883 A 20030206
- JP 2003196748 A 20030714

Abstract (en)

A mobile station that wirelessly transmits to a base station by DS-CDMA a signal spread by multiplying a spreading code includes a chip-pattern generating unit that generates a predetermined chip pattern by performing chip repetition for a predetermined number of repetitions to a spreading chip sequence, and a multiplying unit that multiplies to a signal including the predetermined chip pattern generated by the generating unit a phase specific to the mobile station. <IMAGE>

IPC 1-7

H04B 1/69; **H04B 1/707**; **H04L 25/02**

IPC 8 full level

H04B 1/707 (2011.01); **H04B 1/7097** (2011.01); **H04J 11/00** (2006.01); **H04J 13/12** (2011.01); **H04J 13/16** (2011.01); **H04L 27/01** (2006.01); **H04W 72/04** (2009.01); **H04W 76/02** (2009.01); **H04L 25/03** (2006.01)

CPC (source: EP KR US)

A47G 19/2227 (2013.01 - KR); **A47G 21/04** (2013.01 - KR); **A47G 21/14** (2013.01 - KR); **H04B 1/69** (2013.01 - EP US); **H04B 1/7097** (2013.01 - EP US); **A47G 2400/02** (2013.01 - KR); **H04B 1/692** (2013.01 - EP US); **H04B 2201/70701** (2013.01 - EP US); **H04B 2201/70703** (2013.01 - EP US); **H04B 2201/709709** (2013.01 - EP US); **H04L 25/03006** (2013.01 - EP US); **H04L 2025/03522** (2013.01 - EP US)

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DOCDB simple family (publication)

EP 1445873 A2 20040811; **EP 1445873 A3 20050413**; **EP 1445873 B1 20061122**; AT E346428 T1 20061215; CN 1281017 C 20061018; CN 1525678 A 20040901; CN 1841980 A 20061004; CN 1841980 B 20121010; DE 602004003270 D1 20070104; DE 602004003270 T2 20070614; ES 2275184 T3 20070601; JP 2004297756 A 20041021; JP 4276009 B2 20090610; KR 100733507 B1 20070702; KR 20040071652 A 20040812; SG 125105 A1 20060929; SG 133408 A1 20070730; SG 133409 A1 20070730; SG 133410 A1 20070730; SG 133411 A1 20070730; SG 133412 A1 20070730; SG 133413 A1 20070730; TW 200427250 A 20041201; TW I242945 B 20051101; US 2004156386 A1 20040812; US 2008214222 A1 20080904; US 2008225820 A1 20080918; US 7372889 B2 20080513; US 7844299 B2 20101130; US 8107411 B2 20120131

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